

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Celery		Page 1 of 6
Title: Commodity Specific Requirements for Celery		
Revision: 3	Replaces: 01/01/07	Effective: 07/01/07

1. Purpose:

To provide a listing of PDP identified required compounds for celery.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing celery for PDP. This SOP shall be used in conjunction with QC-13, which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings .

3. References:

- PDP Program Plan, January through June, 2007
- Pesticide Chemical News Guide (PCNG)
- USDA/AMS PDP Quality Assurance(QA)/Technical Meeting, February 21-22, 2001
- PDP Program Plan, January – June, 2001
- PDP Federal/State Meeting, October 31 – November 2, 2001
- PDP 2000-2001 Program Planning Meeting, April 26, 2000
- SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings”

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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Compounds Required for Celery Multiresidue Screens

Celery Compound	Reported As	Pest Code	Priority
1-Naphthol ¹		382	1
Acephate		204	1
Acetamiprid		AEU	2
Acibenzolor-S-methyl ²		B51	3
Aldrin		001	3
Azinphos methyl		042	1
Azoxystrobin		ACX	2
Bendiocarb		658	1
Benoxacor ¹		A05	4
BHC	BHC alpha, and/or	903	3
	BHC beta or	904	
	BHC total	006	
Bifenthrin		930	1
Boscalid		AEO	2
Captan	Captan and/or	011	3
	Tetrahydrophthalimide (THPI)	624	
Carbaryl		102	1
Carbendazim (MBC) ²		666	3
Carfentrazone ethyl		B21	4
Chlordane	Chlordane cis and/or	173	3
	Chlordane trans or	172	
	Chlordane total	014	
Chlorothalonil ¹		164	3
Chlorpyrifos		160	1
Cyfluthrin		781	1
Cyhalothrin	Cyhalothrin, lambda and	AEM	1
	Cyhalothrin, R157836 epimer or	AEN	
	Cyhalothrin, total (L-cyhalothrin + R157836 epimer)	AEL	

¹ Required only on samples received by CA1 from CA and MD. Analysis by NY1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

² Required only on samples received by NY1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

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Celery Compound	Reported As	Pest Code	Priority
Cypermethrin		597	1
Cyromazine ²		255	3
DDD	DDD o,p' and/or	909	3
	DDD p,p' or	908	
	DDD (total)	087	
DDE	DDE o,p' and/or	911	3
	DDE p,p' or	910	
	DDE (total)	300	
DDT	DDT o,p' and/or	907	3
	DDT p,p' or	906	
	DDT (total)	022	
Deltamethrin (includes parent tralomethrin) ¹		612	1
Diazinon		024	1
Diazinon O-analog		395	1
Dichlorvos (DDVP)		338	1
Dicloran		144	3
Dieldrin		028	3
Dimethoate		171	1
Dinotefuran		AFO	2
Endosulfan I		900	3
Endosulfan II		901	3
Endosulfan sulfate		902	3
EPTC ²		200	3
Esfenvalerate/Fenvalerate ¹	Fenvalerate+Esfenvalerate	ADE	1
Fludioxonil		B23	1
Heptachlor		044	3
Heptachlor epoxide		143	3
Hydroprene ²		AEC	3
Imidacloprid		967	2
Linuron		129	3
Malathion		052	1
Malathion O-analog		208	1
Metalaxyl		607	3
Methamidophos		170	1

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Celery Compound	Reported As	Pest Code	Priority
Methomyl		159	1
Methoxyfenozide ¹		AES	3
Metolachlor		283	3
Mevinphos	Mevinphos E and/or	579	1
	Mevinphos Z or	578	
	Mevinphos (total)	069	
Myclobutanil		679	1
Omethoate		178	1
Oxamyl		537	1
Oxamyl oxime ¹		A47	1
Parathion		065	1
Parathion O-analog		370	1
Permethrin	Permethrin cis and/or	222	1
	Permethrin trans or	223	
	Permethrin (total)	539	
Prallethrin ¹		ADC	1
Prometryn		249	2
Propetamphos		636	1
Propiconazole		264	1
Pymetrozine ²		ABF	2
Pyraclostrobin		AFG	2
Pyriproxyfen		B24	3
Resmethrin		556	1
Spinosad ¹	Spinosad A and/or	ABC	3
	Spinosad D or	ABD	
	Spinosad (total)	ABB	
Tebufenozide		ABG	3
Thiobencarb		726	2
Trifloxystrobin		ADQ	2
Trifluralin		151	3

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6/20/07

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Revision 3

May 2007

Monitoring Programs Office

- Deleted 2,4-D; abamectin; bensulide; clethodim; diquat; emamectin benzoate; fluoxastrobin; fosetyl-Al; glyphosate; mancozeb; maneb; sethoxydim; streptomycin; and ziram
- Removed CA1 testing requirements for acibenzolor-S-methyl, carbendazim, cyromazine, EPTC, hydroprene, and pymetrozine
- Removed NY1 testing requirements for deltamethrin and esfenvalerate/fenvalerate

Revision 2

- Modified subsection 2, Scope, to conform with other SOPs
- Removed subsection 3, Outline of Procedures, to conform with other SOPs
- Renumbered remaining subsections
- Added priority levels for compounds
- Updated testing profile to reflect current registrations/data needs
- Removed NY1 testing requirements for 1-naphthol; 2,4-D; abamectin; benoxacor; bensulide; chlorothalonil; clethodim; diquat; emamectin benzoate; fluoxastrobin; fosetyl-Al; glyphosate; mancozeb; maneb; methoxyfenozide; oxamyl oxime; prallethrin; sethoxydim; spinosad; streptomycin; and ziram
- Deleted fonofos and lindane
- Removed subsection 5.2, Marker Pesticides for celery multi-residue screens

Revision 1

- Updated section 4, "References"
 - Added chlorpyrifos to testing profile
 - Removed testing requirements for cyromazine
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